

## **Chapter 3.3d**

### **LIST OF CATEGORY 4C WATERS IN 2006**

# 2006 List of Naturally Impaired Waters (Category 4C)\*

No TMDL Needed

## Potomac and Shenandoah River Basins

TMDL Watershed Name

TMDL Group ID	Use	Impairment	River (Miles)	Reservoir (Acres)	Estuary (Sq. Miles)
<b>Falls Hollow</b>					
01601	Aquatic Life	Total Size Benthic-Macroinvertebrate Bioassessments (Streams):	3.52		
<b>Lake Frederick</b>					
01646	Aquatic Life	Total Size Oxygen, Dissolved:		120.00	
<b>Lake Shenandoah</b>					
01611	Aquatic Life	Total Size Oxygen, Dissolved:		33.33	
<b>Pine Hill Creek</b>					
00908	Aquatic Life	Total Size Oxygen, Dissolved:	9.90		
00647	Aquatic Life	Total Size pH:	9.90		
<b>Skidmore Fork</b>					
40001	Aquatic Life	Total Size Benthic-Macroinvertebrate Bioassessments (Streams):	5.41		
<b>Toms Branch</b>					
01614	Aquatic Life	Total Size Benthic-Macroinvertebrate Bioassessments (Streams):	2.69		
<b>Tunnel Hollow X-Trib</b>					
97000	Aquatic Life	Total Size Benthic-Macroinvertebrate Bioassessments (Streams):	0.20		

\*This summary is of those waters having an overall category of 4C. Some natural impairments are masked by an overall categorization of 4A or 5 due to other impairments.

# 2006 List of Naturally Impaired Waters (Category 4C)\*

## No TMDL Needed

### James River Basin

TMDL Watershed Name

TMDL Group ID	Use	Impairment	River (Miles)	Reservoir (Acres)	Estuary (Sq. Miles)
10125	Aquatic Life	Total Size Oxygen, Dissolved:		110.00	
<b>Amelia Lake</b>					
90008	Aquatic Life	Total Size Oxygen, Dissolved:		220.00	
<b>Briery Creek Lake</b>					
00743	Aquatic Life	Total Size Oxygen, Dissolved:		843.65	
<b>Canal Swamp</b>					
01158	Aquatic Life	Total Size pH:	2.94		
<b>Crawford Branch</b>					
01698	Aquatic Life	Total Size Benthic-Macroinvertebrate Bioassessments (Streams):	1.76		
<b>Diascund Creek Reservoir</b>					
01169	Aquatic Life	Total Size Oxygen, Dissolved:		1,700.00	
<b>Douthat Lake</b>					
01688	Aquatic Life	Total Size Oxygen, Dissolved:		46.68	
<b>Graham Creek Reservoir</b>					
00763	Aquatic Life	Total Size Oxygen, Dissolved:		47.58	
<b>Holiday Lake</b>					
50015	Aquatic Life	Total Size Oxygen, Dissolved:		115.28	
<b>Lake Burnt Mills - Lower (PWS)</b>					
76148	Aquatic Life	Total Size Oxygen, Dissolved:		374.00	
<b>Lake Moomaw, Jackson River</b>					
01686	Aquatic Life	Total Size Oxygen, Dissolved:		2,078.85	
<b>Lake Nelson</b>					
01651	Aquatic Life	Total Size Oxygen, Dissolved:		45.00	
<b>Lake Prince - Reservoir (PWS)</b>					
76146	Aquatic Life	Total Size Oxygen, Dissolved:		1,418.00	

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## No TMDL Needed

### James River Basin

TMDL Watershed Name

TMDL Group ID	Use	Impairment	River (Miles)	Reservoir (Acres)	Estuary (Sq. Miles)
<b>Little Creek Reservoir (PWS)</b>					
76205	Aquatic Life	Total Size Oxygen, Dissolved:		1,850.00	
<b>Lonestar Lake G (PWS)</b>					
76035	Aquatic Life	Total Size Oxygen, Dissolved:		104.00	
<b>Long Branch</b>					
90009	Aquatic Life	Total Size Oxygen, Dissolved:	4.76		
<b>Pads Creek, South Fork</b>					
01675	Aquatic Life	Total Size Benthic-Macroinvertebrate Bioassessments (Streams):	5.36		
<b>Panther Run</b>					
01674	Aquatic Life	Total Size Benthic-Macroinvertebrate Bioassessments (Streams):	1.85		
<b>Prince Edward Lake</b>					
50017	Aquatic Life	Total Size Oxygen, Dissolved:		31.83	
<b>Ragged Mountain Reservoir</b>					
01666	Aquatic Life	Total Size Oxygen, Dissolved:		54.00	
<b>Rivanna River, South Fork Reservoir</b>					
50011	Aquatic Life	Total Size Oxygen, Dissolved:		390.00	
<b>Robertson Lake</b>					
01684	Aquatic Life	Total Size Oxygen, Dissolved:		31.00	
<b>Sandy River Reservoir</b>					
50016	Aquatic Life	Total Size Oxygen, Dissolved:		561.75	
<b>Skinquarter Creek</b>					
00688	Aquatic Life	Total Size Oxygen, Dissolved:	7.00		
00657	Aquatic Life	Total Size pH:	7.00		
<b>Sugar Hollow Reservoir</b>					
01664	Aquatic Life	Total Size Oxygen, Dissolved:		47.00	

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TMDL Watershed Name

TMDL Group ID	Use	Impairment	River (Miles)	Reservoir (Acres)	Estuary (Sq. Miles)
<b>Swift Creek Reservoir</b>					
01303	Aquatic Life	Total Size Oxygen, Dissolved:		1,800.00	
1303	Aquatic Life	Total Size Oxygen, Dissolved:		312.00	
<b>Totier Creek Reservoir</b>					
01652	Aquatic Life	Total Size Oxygen, Dissolved:		132.00	
<b>Tuckahoe Creek Watershed</b>					
00687	Aquatic Life	Total Size Oxygen, Dissolved:	12.22		
<b>Western Branch Reservoir - Upper (PWS)</b>					
76149	Aquatic Life	Total Size Oxygen, Dissolved:		704.00	
<b>Winterpock Creek</b>					
00681	Aquatic Life	Total Size Oxygen, Dissolved:	8.47		
01199	Aquatic Life	Total Size Oxygen, Dissolved:	10.39		
00658	Aquatic Life	Total Size pH:	8.47		
01200	Aquatic Life	Total Size pH:	10.39		
<b>Winticomack Creek</b>					
00689	Aquatic Life	Total Size Oxygen, Dissolved:	3.97		
00659	Aquatic Life	Total Size pH:	10.98		
<b>Winticomack Creek, Unnamed Tributary</b>					
01203	Aquatic Life	Total Size Oxygen, Dissolved:	2.68		
01202	Aquatic Life	Total Size pH:	0.81		
01204	Aquatic Life	Total Size pH:	2.68		
15023	Aquatic Life	Total Size pH:	4.24		

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# 2006 List of Naturally Impaired Waters (Category 4C)\*

## No TMDL Needed

### Rappahannock River Basin

TMDL Watershed Name

TMDL Group ID	Use	Impairment	River (Miles)	Reservoir (Acres)	Estuary (Sq. Miles)
<b>Cat Point Creek Watershed</b>					
00649	Aquatic Life	Total Size pH:	50.80		
<b>Lake Pelham</b>					
00839	Aquatic Life	Total Size Oxygen, Dissolved:		253.00	
00840	Aquatic Life	Total Size pH:		253.00	
<b>Motts Run Reservoir</b>					
60114	Aquatic Life	Total Size pH:		160.00	
<b>Mount Landing Creek</b>					
01044	Aquatic Life	Total Size pH:	4.91		
<b>Mount Landing Creek, Bull Neck Creek, Unnamed Tributary</b>					
01045	Aquatic Life	Total Size pH:	6.79		
<b>Mountain Run Lake</b>					
00841	Aquatic Life	Total Size Oxygen, Dissolved:		75.00	
<b>Piscataway Creek Watershed</b>					
00651	Aquatic Life	Total Size pH:	19.07		

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# 2006 List of Naturally Impaired Waters (Category 4C)\*

## No TMDL Needed

### Roanoke and Yadkin River Basins

TMDL Watershed Name

TMDL Group ID	Use	Impairment	River (Miles)	Reservoir (Acres)	Estuary (Sq. Miles)
<b>Banister River</b>					
00772	Aquatic Life	Total Size Oxygen, Dissolved:		398.29	
<b>Carvin Cove Reservoir</b>					
00716	Aquatic Life	Total Size Oxygen, Dissolved:		631.54	
<b>Cherrystone Reservoir</b>					
00759	Aquatic Life	Total Size Oxygen, Dissolved:		117.97	
<b>Conner Lake</b>					
50020	Aquatic Life	Total Size Oxygen, Dissolved:		102.66	
<b>Fairystone Lake, Goblintown Creek</b>					
50028	Aquatic Life	Total Size Oxygen, Dissolved:		126.96	
<b>Georges Creek Reservoir</b>					
50022	Aquatic Life	Total Size Oxygen, Dissolved:		9.69	
<b>Phelps Creek Reservoir (Brookneal)</b>					
00750	Aquatic Life	Total Size Oxygen, Dissolved:		25.64	
<b>Philpott Reservoir</b>					
01715	Aquatic Life	Total Size Oxygen, Dissolved:		2,281.07	
<b>Roaring Fork Reservoir</b>					
50021	Aquatic Life	Total Size Oxygen, Dissolved:		24.79	
<b>Townes Reservoir - Dan River</b>					
50005	Aquatic Life	Total Size Oxygen, Dissolved:		27.60	

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# 2006 List of Naturally Impaired Waters (Category 4C)\*

## No TMDL Needed

### Chowan River and Dismal Swamp Basins

TMDL Watershed Name

TMDL Group ID	Use	Impairment	River (Miles)	Reservoir (Acres)	Estuary (Sq. Miles)
<b>Assamoosick, Seacorrie, German, Pigeon Swamps</b>					
00483	Aquatic Life	Total Size Oxygen, Dissolved:	21.45		
<b>Butterwood Creek</b>					
01341	Aquatic Life	Total Size Oxygen, Dissolved:	9.90		
<b>Cooks Branch</b>					
10044	Aquatic Life	Total Size pH:	1.08		
<b>Great Creek Reservoir</b>					
01310	Aquatic Life	Total Size Oxygen, Dissolved:		305.00	
<b>Little Swamp</b>					
10011	Aquatic Life	Total Size Oxygen, Dissolved:	8.60		
<b>Modest Creek Reservoir</b>					
00744	Aquatic Life	Total Size Oxygen, Dissolved:		21.22	
<b>Nebletts Mill Run and all its tributaries</b>					
00465	Aquatic Life	Total Size Oxygen, Dissolved:	40.41		
<b>Otterdam Swamp</b>					
01376	Aquatic Life	Total Size Oxygen, Dissolved:	5.95		
<b>Otterdam Swamp and Three Creek</b>					
00481	Aquatic Life	Total Size Oxygen, Dissolved:	21.32		
<b>Raccoon Creek, Spring Creek</b>					
00630	Aquatic Life	Total Size Oxygen, Dissolved:	16.24		
<b>Spring Branch</b>					
10045	Aquatic Life	Total Size Oxygen, Dissolved:	0.88		
<b>Spring Creek, Unnamed Tributary</b>					
10010	Aquatic Life	Total Size Oxygen, Dissolved:	4.42		
<b>White Oak Swamp</b>					
00627	Aquatic Life	Total Size Oxygen, Dissolved:	1.67		
01346	Aquatic Life	Total Size pH:	1.67		

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### Chowan River and Dismal Swamp Basins

TMDL Watershed Name								
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## No TMDL Needed

### York River Basin

TMDL Watershed Name

TMDL Group ID	Use	Impairment	River (Miles)	Reservoir (Acres)	Estuary (Sq. Miles)
<b>Matedequin Creek</b>					
00653	Aquatic Life	Total Size pH:	21.10		
<b>Mechumps Creek</b>					
00652	Aquatic Life	Total Size pH:	5.16		
<b>Parsleys Creek</b>					
01107	Aquatic Life	Total Size pH:	6.21		
<b>Sandy Valley Creek</b>					
01109	Aquatic Life	Total Size pH:	4.03		
<b>Slayden Creek</b>					
01102	Aquatic Life	Total Size pH:	4.52		

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# 2006 List of Naturally Impaired Waters (Category 4C)\*

## No TMDL Needed

### New River Basin

TMDL Watershed Name

TMDL Group ID	Use	Impairment	River (Miles)	Reservoir (Acres)	Estuary (Sq. Miles)
<b>Gatewood Reservoir</b>					
50029	Aquatic Life	Total Size Oxygen, Dissolved:		176.15	

### Standrock Branch

00893	Aquatic Life	Total Size Benthic-Macroinvertebrate Bioassessments (Streams):	1.14		
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